

DEVICE FOR CONTROLLING ELECTRO-INSULATION OF ELECTRIC INSTALLATIONS

Patent number: RU2063049
Publication date: 1996-06-27
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Classification:
- **International:** G01R31/02
- **European:**
Application number: SU19925064429 19921006
Priority number(s): SU19925064429 19921006

Abstract not available for

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Derwent Title: Condition control device of electric insulation of electrical equipment - has actuating device to register unpermitted leakage current in current conducting section of electrical equipment and form signal indicating leakage

Original Title: ☒ RU2063049C1: DEVICE FOR CONTROLLING ELECTRO-INSULATION OF ELECTRIC INSTALLATIONS

Assignee: UKR PREOBRAZOVATEL RES INST Soviet institute

Inventor: ANDRIENKO P D; SUKHAREV V N; ZHULOVYAN V V;

Accession/Update: 1997-106985 / 199710

IPC Code: G01R 31/02 ;

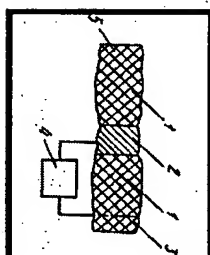
Derwent Classes: S01:

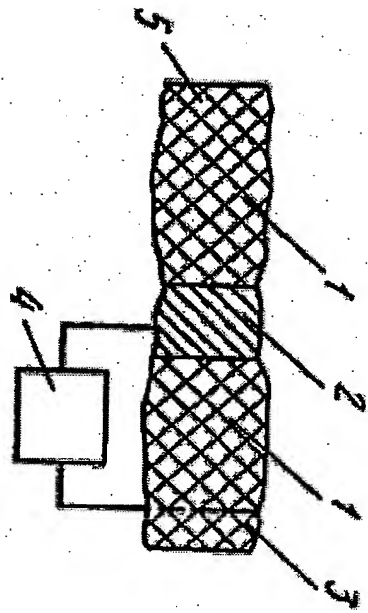
Manual Codes: S01-G04 (Testing for short circuits, discontinuity and leakage [general])

Derwent Abstract:

(RU2063049C) During forming of leakage current of the electric insulation (1) between the earthed body of a motor and an electrode (3), it flows through a circuit formed by the body of the electric motor, the failed electric insulation, the electrode, a sensitive coil, a relay (4), a centre point and the supply voltage busbar. When the magnitude of the leakage current corresp. to the threshold of the sensitive relay (4), it is triggered, to form a signal indicating unpermitted level of the leakage current. The prim. section of forming of a leakage current circuit through the insulation during loss of quality can be preliminarily set by creating unequal conditions for forming of a leakage current circuit. This can be achieved by selection of the corresp. relationships between the distances between the body, the electrode and the coil of the electric motor. **USE/Advantage** - Protection of servicing personnel from dangerous current, prevention of malfunction of electrical equipment and during construction of signalling and indication systems. Better reliability of control device.

Images:





Dwg. 1/3

Family: Pdf Patent Pub. Date Derwent Update Pages Language IPC Code

☒ RU2063049C1 * 1996-06-27 199710 5 English G01R 31/02

Local apps.: SU1992005064429 Filed: 1992-10-06 (92SU-5064429)

Priority Number:

Application Number	Filed	Original Title
SU1992005064429	1992-10-06	

Title Terms:

CONDITION CONTROL DEVICE ELECTRIC INSULATE ELECTRIC EQUIPMENT ACTUATE DEVICE REGISTER LEAK CURRENT
CURRENT CONDUCTING SECTION ELECTRIC EQUIPMENT FORM SIGNAL INDICATE LEAK

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Derwent	Boolean	Accession/Number	Advanced
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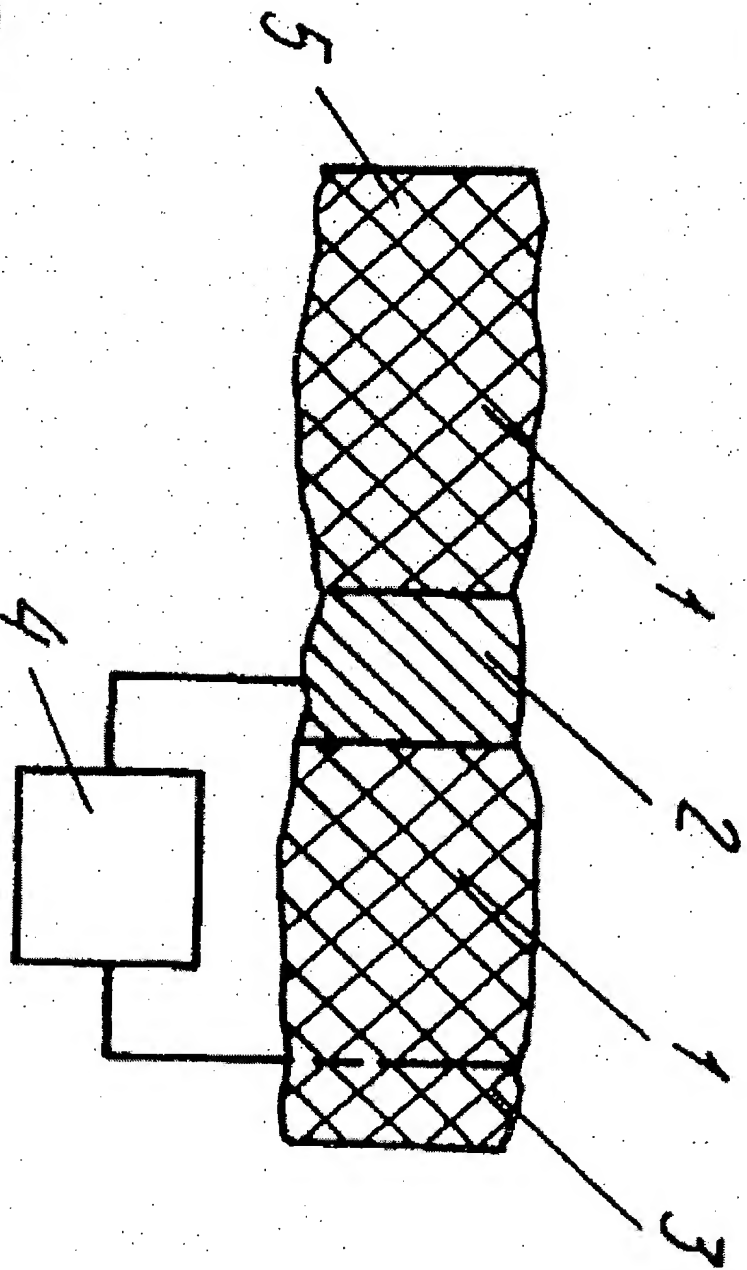
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Title: **RU2063049C1: DEVICE FOR CONTROLLING ELECTRO-INSULATION OF ELECTRIC INSTALLATIONS**

Derwent Title: Condition control device of electric insulation of electrical equipment - has actuating device to register unpermitted leakage current in current conducting section of electrical equipment and form signal indicating leakage
[Derwent Record](#)

Country: RU Russian Federation
Kind: C1 Patent I

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ECLA Code: None

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Family:

PDF	Publication	Pub. Date	Filed	Title



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1 family members shown above				

Other Abstract Info: None



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